



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masanao SAKAI  
Title: NETWORK, IPsec SETTING SERVER APPARATUS, IPsec  
PROCESSING APPARATUS, AND IPsec SETTING METHOD USED  
THEREFOR  
Appl. No.: 10/655,372  
Filing Date: 9/5/2003  
Examiner: Unknown  
Art Unit: 2131

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of the non-U.S. patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed document is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

**CONCISE EXPLANATION OF RELEVANCE**

The document listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Chinese application. A partial English translation of the Chinese Office Action of August 12, 2005, follows:

The reference 1 (hereinafter referred to as "Ref. 1") also discloses a network apparatus and particularly discloses the following technical features: comprising IPsec processing apparatuses (see the Abstract and Fig 3), which use an IPsec (Internet Protocol security protocol) for securing security on the Internet path in the case where different multiple centers communicate via the Internet (see Page 2, Paragraph I of the specification as well as Fig 1); an IPsec engine and a policy manager (equivalent to said IPsec setting server apparatus in Claim 1), which manage IPsec settings of said IPsec processing apparatuses and collectively manage policies of said IPsec to be applied by the IPsec processing apparatuses (see Page 5, Line 15-Page 6, Line 4 and Page 6, Line 27-Page 9, Line 6 of the specification as well as Fig 3)....

Ref. 1 also discloses the additional technical features (see Page 7, Lines 1-6 and Lines 17-26 of the specification): key manager is implemented to generate and manage the used keys and communicate with the policy manager for distributing keys....

Ref. 1 also discloses an IPsec setting server apparatus and particularly discloses the following technical features: comprising IPsec processing apparatuses (see the Abstract and Fig 3), which use an IPsec (Internet Protocol security protocol) for securing security on the Internet path in the case where different multiple centers communicate via the Internet (see Page

2, Paragraph 1 of the specification as well as Fig 1); an IPsec engine and a policy manager (equivalent to said IPsec setting server apparatus), which manage IPsec settings of said IPsec processing apparatuses and collectively manage policies of said IPsec to be applied by the IPsec processing apparatuses (see Page 5, Line 15-Page 6, Line 4 and Page 6, Line 27-Page 9, Line 6 of the specification as well as Fig 3)....

Ref. 1 also discloses the additional technical features (see Page 7, Lines 1-6 and Lines 17-26 of the specification): key manager is implemented to generate and manage the used keys and communicate with the policy manager for distributing keys....

Similarly, Ref. 1 also discloses an IPsec processing apparatus and particularly discloses the following technical features (see Page 6, Line 34-Page 7, Line 16 and Page 8, Lines 7-25 of the specification): upon receiving a packet to which said IPsec should be applied, judging whether or not to inquire a setting for said IPsec to be collectively managed in an IPsec setting server apparatus from said IPsec setting server apparatus....

Ref. 1 discloses the additional technical features (see Page 7, Lines 1-6 and Lines 17-26 of the specification): key manager is implemented to generate and manage the used keys and communicate with the policy manager for distributing keys....

Applicant's statements regarding the Chinese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Chinese Office Action.

Document C1 is based on U.S. Patent Application Serial No. 09/100,272, which matured into U.S. Patent No. 6,253,321 on June 26, 2001. U.S. Patent No. 6,253,321 was cited as document B1 in an Information Disclosure Statement filed on June 9, 2005 in the present application.

Applicant respectfully requests that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date October 20, 2005

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: October 20, 2005

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/655,372
Filing Date	9/5/2003
First Named Inventor	Masanao SAKAI
Group Art Unit	2131
Examiner Name	Unknown
Attorney Docket Number	053969-0157

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	C1	WO	99/67930	A2	SSH Communications Security Ltd.	12/29/1999		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.